

Amendment to the Abstract:

The Abstract has been amended.

ABSTRACT

The present invention pertains to a process and a system for controlling the intake valves of an internal combustion engine comprising at least two valves ~~(S1 and S2)~~ per cylinder ~~(CC)~~. During the closing of the intake valves of a cylinder, provisions are made for closing a first valve ~~(S1)~~ and then for closing a second valve ~~(S2)~~, the time ~~(T)~~ between the closing of the first valve ~~(S1)~~ and the closing of the second valve ~~(S2)~~ being such that it permits the propagation toward the second valve ~~(S2)~~ of at least one overpressure generated in the first port ~~(C1)~~ by the closing of the first valve ~~(S1)~~.